

***Allowable Subject Matter***

Claims 1-12 are allowed.

The following is an examiner's statement of reasons for allowance: None of the prior art alone or in combination discloses a power converter comprising an inductor and a controllable switch coupled to the inductor, a switch controller for supplying a periodic switching signal with a repetition time and a duty cycle to the controllable switch to generate a periodical inductor current through the inductor, a generator for generating an emulated signal based on timing information representing the repetition time and the duty cycle to emulate a current signal being representative of the inductor current, a comparator for comparing the emulated signal with the current signal to obtain an error signal, and a generator controller for receiving the error signal to supply a control signal to the generator for adapting a property of the emulated signal to become substantially equal to a property of the current signal (in claim 1).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NGUYEN TRAN whose telephone number is (571)270-1269. The examiner can normally be reached on M-F 7:30-5:00, OFF every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ullah Akm can be reached on 571-272-2361. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2838

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

NT

/Bao Q. Vu/  
Primary Examiner, Art Unit 2838  
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